SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
OZ Botanical
455 Weaver Park Rd #200
Longmont, CO USA 80501

Immunity CBD Gummies

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 4
G0001	Various	Concentrate	
Reported:	Started:	Received:	
27Oct2022	26Oct2022	24Oct2022	

Residual Solvents - Colorado Compliance

Test ID: T000225634
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	89 - 1774	ND	
Butanes (Isobutane, n-Butane)	190 - 3807	ND	
Methanol	66 - 1324	ND	
Pentane	103 - 2057	ND	
Ethanol	108 - 2166	ND	
Acetone	103 - 2059	ND	
Isopropyl Alcohol	114 - 2272	ND	
Hexane	6 - 121	ND	
Ethyl Acetate	107 - 2144	ND	
Benzene	0.2 - 4.2	ND	
Heptanes	106 - 2114	ND	
Toluene	19 - 385	ND	
Xylenes (m,p,o-Xylenes)	144 - 2880	ND	

Final Approval

Karen Winternheimer
27Oct2022
09:44:00 AM MDT
PREPARED BY / DATE

Sam Smith
27Oct2022
09:45:00 AM MDT
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Cannabinoids - Colorado Compliance

Test ID: T000225631
Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	**LOD** (%)	**LOQ** (%)	**Result** (%)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.008	0.023	ND	ND	
Cannabichromenic Acid (CBCA)	0.008	0.021	ND	ND	
Cannabidiol (CBD)	0.019	0.062	0.208	2.08	
Cannabidiolic Acid (CBDA)	0.019	0.064	ND	ND	
Cannabidivarin (CBDV)	0.004	0.015	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.008	0.027	ND	ND	
Cannabigerol (CBG)	0.005	0.013	ND	ND	
Cannabigerolic Acid (CBGA)	0.020	0.054	ND	ND	
Cannabinol (CBN)	0.006	0.017	ND	ND	
Cannabinolic Acid (CBNA)	0.014	0.037	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.024	0.064	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.022	0.058	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.019	0.052	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.012	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.017	0.046	ND	ND	
Total Cannabinoids			**0.208**	**2.08**	
Total Potential THC			ND	ND	
Total Potential CBD			0.208	2.08	

Final Approval

Karen Winternheimer
28Oct2022
03:01:00 PM MDT
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Sam Smith
28Oct2022
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Pesticides

Test ID: T000225632
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)		**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	318 - 2745	ND	Malathion	286 - 2743	ND
Acephate	41 - 2764	ND	Metalaxyl	38 - 2771	ND
Acetamiprid	39 - 2738	ND	Methiocarb	39 - 2738	ND
Azoxystrobin	40 - 2744	ND	Methomyl	38 - 2761	ND
Bifenazate	36 - 2738	ND	MGK 264 1	169 - 1610	ND
Boscalid	37 - 2740	ND	MGK 264 2	116 - 1114	ND
Carbaryl	38 - 2693	ND	Myclobutanil	47 - 2783	ND
Carbofuran	38 - 2698	ND	Naled	45 - 2724	ND
Chlorantraniliprole	40 - 2758	ND	Oxamyl	39 - 2753	ND
Chlorpyrifos	36 - 2762	ND	Paclobutrazol	41 - 2677	ND
Clofentezine	280 - 2722	ND	Permethrin	296 - 2750	ND
Diazinon	276 - 2751	ND	Phosmet	37 - 2752	ND
Dichlorvos	269 - 2783	ND	Prophos	302 - 2738	ND
Dimethoate	38 - 2733	ND	Propoxur	38 - 2700	ND
E-Fenpyroximate	300 - 2707	ND	Pyridaben	292 - 2656	ND
Etofenprox	40 - 2716	ND	Spinosad A	30 - 2241	ND
Etoxazole	297 - 2696	ND	Spinosad D	51 - 498	ND
Fenoxycarb	40 - 2744	ND	Spiromesifen	285 - 2742	ND
Fipronil	43 - 2785	ND	Spirotetramat	284 - 2760	ND
Flonicamid	45 - 2740	ND	Spiroxamine 1	17 - 1176	ND
Fludioxonil	288 - 2735	ND	Spiroxamine 2	18 - 1577	ND
Hexythiazox	38 - 2736	ND	Tebuconazole	285 - 2721	ND
Imazalil	281 - 2797	ND	Thiacloprid	40 - 2749	ND
Imidacloprid	44 - 2749	ND	Thiamethoxam	42 - 2747	ND
Kresoxim-methyl	39 - 2762	ND	Trifloxystrobin	41 - 2717	ND

Final Approval

Karen Winternheimer
29Oct2022
02:02:00 PM MDT
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Sam Smith
29Oct2022
02:04:00 PM MDT
APPROVED BY / DATE

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Immunity CBD Gummies

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Heavy Metals - Colorado Compliance

Test ID: T000225633
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.04 - 3.95	ND	
Cadmium	0.04 - 4.02	ND	
Mercury	0.04 - 4.26	ND	
Lead	0.04 - 4.40	ND	

Final Approval


Sam Smith
31Oct2022
08:23:00 AM MDT
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Karen Winternheimer
31Oct2022
08:28:00 AM MDT
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https://results.botanacor.com/api/v1/coas/uuid/101d2cd7-6516-40ae-b077-b7caed27fe46

Definitions
LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or – the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa *(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

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